

2012 JUL -2 AM 10:40

## BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORMShady Grove Water Assn.  
Public Water Supply Name07000021  
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

*Please Answer the Following Questions Regarding the Consumer Confidence Report*

- ☐ Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)
- ☒ Advertisement in local paper  
☐ On water bills  
☐ Other \_\_\_\_\_

Date customers were informed: 6/6/12

- ☐ CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed:    /   /   

- ☒ CCR was published in local newspaper. (*Attach copy of published CCR or proof of publication*)

Name of Newspaper: Southern Sentinel, Southern AdvocateDate Published: 6/6/12 6-7-12

- ☐ CCR was posted in public places. (*Attach list of locations*)

Date Posted:    /   /   

- ☐ CCR was posted on a publicly accessible internet site at the address: www. \_\_\_\_\_

**CERTIFICATION**

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Marisa Sanderson, Bookkeeper  
Name/Title (President, Mayor, Owner, etc.)6-21-12  
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215  
Phone: 601-576-7518

**Annual Drinking Water Quality Report**  
**Shady Grove Water Association**  
**PWS. Id # 07000021**  
**May 21, 2012**

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is two wells. Our wells draw from the Coffee Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Shady Grove Water association have received a **moderate** ranking to contaminations.

I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Garlon Stroupe at (662)-837-7680. We want our valued customers to be informed about their water utility. If you want to learn more, please attend a special meeting the second Tuesday in December, at the Gravestown Fire Station at 7:00 P.M.

Shady Grove Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2011. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Treatment Technique (TT)* - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

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*Maximum Contaminant Level Goal* - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

## TEST RESULTS PWS ID # MS 0700021

### Disinfectants & Disinfection By-Products

(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2011	.50	.33 - .61	Ppm	4	4	Water additive used to control microbes

### Inorganic Contaminants

Barium	N	*2010	.154	.152 - .154	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	*2010	3.1	2.1 - 3.1	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper	N	2011	.2	No-range	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	2011	1.0	No-range	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Selenium	N	*2010	3.5	1.8 - 3.5	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

***No sample required in 2011***

### \*\*\*\*\* A MESSAGE FROM MSHD CONCERNING RADIOLOGICAL SAMPLING \*\*\*\*\*

In accordance with the Radionuclides Rule, all community water supplies were required to sample quarterly for radionuclides beginning January 2007- December 2007. Your public water supply completed sampling by the deadline; however, during an audit of the Ms. State Dept. of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

### \*\*\*Additional Information for Lead\*\*\*

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Shady Grove Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. Please contact 601-576-7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Your CCR will not be mailed to you however; you may obtain a copy at the by calling 662-837-7680 if you have questions.

2012 JUL -2 AM 10:41

# Proof of Publication

**The State of Mississippi****Tippah County**

Personally appeared before me a Notary Public in and for said County and State, the undersigned

\_\_\_\_\_ Tim Watson \_\_\_\_\_

who, after being duly sworn, deposes and says that he is the Publisher of the SOUTHERN SENTINEL, a newspaper published in the City of Ripley, in said County and State, and that the

## LEGAL NOTICE

a true copy of which is hereto attached, was published for  
1 consecutive weeks in said

newspaper as follows:

**VOLUME****NO.****DATE**134156/6/2012

And further, that said newspaper has been published in Ripley, Tippah County, Mississippi for more than one year next preceding the first insertion of the above mentioned legal notice.

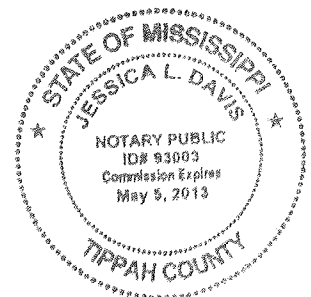
Tim Watson

Tim Watson

Sworn to and subscribed before me this the

13 day of JUNE 2012

Jessica L Davis  
Notary Public, Tippah County, Mississippi  
My Commission expires: 05/05/2013



Printer's Fee \$ \_\_\_\_\_

# Proof of Publication

The State of Mississippi

Benton County

Personally appeared before me a Notary Public in and for said County and State, the undersigned

Tim Watson

who, after being duly sworn, deposes and says that he is the Publisher of the SOUTHERN ADVOCATE, a newspaper published in the Town of Ashland, in said County and State, and that the **PUBLIC MEETING**

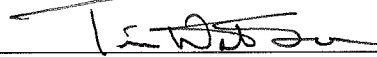
## LEGAL NOTICE

a true copy of which is hereto attached, was published for  
1 consecutive weeks in said

newspaper as follows:

VOLUME	NO.	DATE
106	25	6/7/2012

And further, that said newspaper has been published in Ashland, Benton County, Mississippi for more than one year next preceding the first insertion of the above mentioned legal notice.



Tim Watson

Sworn to and subscribed before me this the

13 day of JUNE 2012



Notary Public, Benton County, Mississippi

My Commission expires: 05/05/2013

Printer's Fee \$



# Annual Drinking Water Quality Report

## Shady Grove Water Association

PWS. Id # 07000021  
May 21, 2012

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I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Garlon Stroup at (662)-837-7680. We want our valued customers to be informed about their water utility. If you want to learn more, please attend a special meeting the second Tuesday in December, at the Cravestown Fire Station at 7:00 P.M.

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### TEST RESULTS PWS ID # MS 07000021

(There is no monitoring evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

Contaminant	Violation	Date Collected	Level Detected	Level of Concern	# of Samples Exceeding MCL/MCLG	Measurement	MCLG	MCL	Likely Source of Contamination
Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2011	50	50	0	ppm	4	4	Water additive used to control microbes

### Inorganic Contaminants

Barium	N	2010	3.5	15.0 - 15.0	ppm	2	2	2	Discharge of drilling water; discharge from metal refineries; erosion of natural deposits
Chromium	N	2010	3.1	2.1 - 3.1	ppb	100	100	100	Discharge from metal and pulp mill; erosion of natural deposits
Copper	N	2011	2	No-range	ppm	1.3	AL=1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; discharge from metal refineries
Lead	N	2011	1.0	No-range	ppb	0	AL=1.5	AL=1.5	Corrosion of household plumbing systems; erosion of natural deposits; discharge from metal refineries
Selenium	N	2010	3.3	1.8 - 3.3	ppb	50	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

No sample required in 2011

### \*\*\*\*\* A MESSAGE FROM MSIDH CONCERNING RADIOLOGICAL SAMPLING \*\*\*\*\*

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THURSDAY, JUNE 7, 2012

TUNING

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